

Title (en)
Stabilisation of lime suspensions

Title (de)
Stabilisierung von Kalkmilch-Suspensionen

Title (fr)
Stabilisation de suspension de lait de chaux

Publication
EP 1840097 A1 20071003 (FR)

Application
EP 06111736 A 20060327

Priority
EP 06111736 A 20060327

Abstract (en)
Use of carbohydrates as additive to stabilize the viscosity of calcium and/or magnesium milk of lime suspensions, where the carbohydrates are monosaccharides, disaccharides, oligosaccharides or their derivatives obtained by oxidation or by hydrogenation. An independent claim is included for preparing suspensions calcium and/or magnesium milk of lime with a stable viscosity, comprising adding carbohydrates such as monosaccharides, disaccharides, oligosaccharides or their derivatives obtained by oxidation/hydrogenation.

Abstract (fr)
Des glucides sont utilisés comme additif pour stabiliser la viscosité des suspensions de lait de chaux calcique, de chaux magnésienne ou leurs mélanges. Ces glucides sont choisis parmi les monosaccharides, disaccharides, oligosaccharides, polysaccharides ou leurs dérivés.

IPC 8 full level
C04B 2/02 (2006.01)

CPC (source: EP US)
C01F 5/14 (2013.01 - EP US); **C01F 11/02** (2013.01 - EP US); **C04B 2/02** (2013.01 - EP US); **C01P 2006/22** (2013.01 - EP US)

Citation (search report)
• [X] WO 0196240 A1 20011220 - CIBA SPEC CHEM WATER TREAT LTD [GB], et al
• [A] EP 0594332 A1 19940427 - ROHM & HAAS [US]
• [A] FR 2687396 A1 19930820 - LHOIST RECH & DEV SA [BE]
• [A] PATENT ABSTRACTS OF JAPAN vol. 1999, no. 09 30 July 1999 (1999-07-30)

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FR3124515A1; US10919803B2; US11221181B2; US10138163B2; WO2018104447A1; WO2016041643A1; WO2016037972A1; EP3116829A1; WO2017152960A1; WO2017153379A1; WO2023275446A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1840097 A1 20071003; AT E443691 T1 20091015; CA 2647492 A1 20071004; CA 2647492 C 20120515; DE 602007002556 D1 20091105; EP 1999082 A1 20081210; EP 1999082 B1 20090923; US 2011000403 A1 20110106; WO 2007110401 A1 20071004

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EP 06111736 A 20060327; AT 07727318 T 20070326; CA 2647492 A 20070326; DE 602007002556 T 20070326; EP 07727318 A 20070326; EP 2007052845 W 20070326; US 22528607 A 20070326